

09/690,271

ABSTRACT OF THE DISCLOSURE

When a resin for manufacturing ultraviolet or electron ray curable optical fiber ribbon is prepared by properly mixing a photopolymerizable urethane acrylate oligomer containing polydimethylsiloxane, monomer, photoinitiator, leveling/defoaming agent, and antioxidant, optical loss caused by bending due to surface friction in the stacking process during ribbon bonding can be minimized by increasing tensile strength and surface slipping characteristics and by minimizing the shrinkage of resin when the it is cured.